

# FIDUS

## Dilution (Ventilation)

### FDT



- Rapidly measures dilution (also known as ventilation) of finished cigarettes
- Rugged design and construction make the FDT ideal for production and laboratory environments
- Low cost quality control solution

Fidus Instrument Corporation's well-proven FDT is a compact design utilizing a CFO, with no moving parts, to regulate the air flow.

- CFO pneumatic circuit
- Instrument can be directly connected to a factory air supply (utilizing manufacturer installed internal vacuum generator), or via an optional external vacuum pump
- Easy service access

## SPECIFICATION:

### *Range*

0 - 100% dilution

### *Resolution*

Dilution 1%

### *Accuracy*

±1% Dilution

### *Repeatability*

Dilution 1%

### *Sample Size*

Circumference 18 - 25 mm

### *Sample Area*

7 to 21 mm from filter tip

### *Electrical Requirements*

100-240 VAC, 50-60 Hz

### *Dimensions*

8.25 x 10.0 x 7.0 inches (w x d x h)

209.5 x 254 x 178 mm (w x d x h)

### *Weight*

14 lbs/6.36 kg (net excluding pump)

32 lbs/14.5 kg (gross shipping including pump)

## OPTIONS:

RS232C serial interface

Vacuum Pump - 1/8 h.p. 115V, 60Hz, 0.09kW or 1/8 h.p., 220/240V, 50Hz, 0.09kW

Weight: 14.4 lbs (6.54 kg)

Silent running, long life

High altitude pump can be supplied upon request

Additional - Ventilation Standards



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